

## North Grampian

Including North and West Cairngorms National Park, Monadhliath, Ben Alder, Creag Meagaidh, Loch Ericht and Loch Rannoch

Forecast valid from 00:00 on Friday 22 Sep 2023 until 23:59 on Saturday 23 Sep 2023

Forecast Issued on Thursday 21 Sep 2023 at 11:16 by Met Office Aberdeen

**Confidence:** High for Friday and Saturday. Low for extent of any persistent rain on Sunday and Monday. High for changeable weather to continue into next week.

**Headline for Friday 22 Sep 2023:** Rather cold and cloudy with showers

### Mountain weather hazards on Friday 22 Sep 2023

**Blizzards**

No Likelihood

**Gales**

Low Likelihood

**Thunderstorms**

No Likelihood

**Heavy persistent snow**

No Likelihood

**Severe chill effect**

Low Likelihood

**Heavy persistent rain**

No Likelihood

**Storm force winds**

No Likelihood

**Poor visibility**

Medium Likelihood

**Strong sunlight**

Low Likelihood

### Weather and chance of precipitation at 800m

| Time                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 00:00                                                                               | 03:00                                                                               | 06:00                                                                               | 09:00                                                                               | 12:00                                                                               | 15:00                                                                                 | 18:00                                                                                 | 21:00                                                                                 |
|  |  |  |  |  |  |  |  |
| Light rain                                                                          | Heavy Rain                                                                          | Heavy Rain                                                                          | Heavy rain showers                                                                  | Heavy rain showers                                                                  | Light rain showers                                                                    | Cloudy                                                                                | Cloudy                                                                                |
| Precipitation probability                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| 30%                                                                                 | 40%                                                                                 | 40%                                                                                 | 40%                                                                                 | 40%                                                                                 | 40%                                                                                   | 30%                                                                                   | 30%                                                                                   |

### Forecast for Friday 22 Sep 2023

**Weather:** A lot of cloud through the day along with passing showers. Showers will turn lighter and less widespread from late afternoon onwards. Any remaining showers in the evening will turn wintry on the higher tops.

**Chance of cloud-free hill tops above 800m:** 40%, no one area will be favoured for any lengthy cloud free periods

**Low cloud and visibility:** Poor in areas of cloud down to 700 and 900 metres. Excellent visibility and great air clarity outside of cloud and rain.

## Forecast for Friday 22 Sep 2023

| Height (m) | Wind Speed mean/gusts (mph) |         |          |          |          | Wind Direction (blowing from) |          |          |          |
|------------|-----------------------------|---------|----------|----------|----------|-------------------------------|----------|----------|----------|
|            | 00:00                       | 03:00   | 06:00    | 09:00    | 12:00    | 15:00                         | 18:00    | 21:00    | 00:00    |
| 1300       | 22/29 W                     | 21/27 W | 22/30 NW | 25/34 NW | 27/38 NW | 31/44 NW                      | 33/45 NW | 30/41 NW | 23/32 NW |
| 900        | 19/24 W                     | 17/22 W | 16/21 W  | 20/27 NW | 21/30 NW | 25/35 NW                      | 25/34 NW | 24/32 NW | 16/23 W  |
| 600        | 13/20 SW                    | 12/18 W | 11/16 W  | 13/19 NW | 15/24 NW | 18/27 NW                      | 16/26 NW | 16/24 NW | 12/19 W  |
| 300        | 8/18 SW                     | 7/16 SW | 6/15 W   | 9/20 NW  | 10/23 NW | 11/24 NW                      | 10/22 NW | 9/20 NW  | 7/18 W   |
| Glen       | 3/15 SW                     | 3/16 W  | 3/16 W   | 5/19 NW  | 7/24 NW  | 7/23 NW                       | 5/22 NW  | 4/19 NW  | 4/19 W   |

| Height (m)      | Temperature / Feels Like (°C) |       |       |       |       |       |       |       |       |
|-----------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | 00:00                         | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| 1300            | 2/-4                          | 2/-4  | 2/-4  | 2/-5  | 1/-6  | 1/-6  | -0/-8 | -1/-9 | -2/-9 |
| 900             | 5/-0                          | 5/0   | 5/0   | 5/-0  | 4/-1  | 4/-2  | 3/-3  | 2/-4  | 1/-4  |
| 600             | 7/3                           | 7/3   | 7/4   | 7/3   | 7/3   | 7/2   | 5/1   | 4/-0  | 4/-0  |
| 300             | 8/6                           | 8/6   | 8/7   | 9/7   | 10/7  | 9/6   | 8/5   | 7/4   | 6/3   |
| Glen            | 8/7                           | 8/6   | 8/6   | 9/7   | 11/9  | 10/8  | 9/6   | 7/4   | 5/3   |
| Freezing Level* | 1700m                         | 1800m | 1700m | 1600m | 1400m | 1400m | 1300m | 1200m | 1100m |

\*Level above which ground is expected to be frozen/snow is expected to settle.

## Met Office Aberdeen Meteorologist's View

Strong to gale northwesterly summit winds will lead to notable wind chill as well as slow progress. Note lowering freezing levels later in the day.

## Forecast for Saturday 23 Sep 2023

**Weather:** An isolated light shower at first, otherwise a ridge of high pressure will bring a lot of dry weather through the day, some rain may reach the far southwest of the area towards midnight.

**Maximum wind:** Northwesterly backing southerly 20 mph, increasing 35 mph gust 50 mph after dark

**Chance of cloud-free hill tops above 800m:** 90%

**Low cloud and visibility:** Excellent visibility with great air clarity with only small amounts of cloud above 900 metres for daylight hours. Low cloud developing down to 700 metres across the west by late evening.

**Temperature:** **Glens:** Minus 1 Celsius rising to 12 Celsius

**At 800m:** Plus 3 Celsius

**Freezing level:** 1100 metres at first, otherwise rising above summits by afternoon